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Natural
Resources
Conservation
Service

Montana Basin Outlook Report April 1, 1996

Basin Outlook Reports
and
Federal - State - Private Cooperative Snow Surveys

For more water supply and resource management information, contact:

See Attached List

How forecasts are made

Most of the annual streamflow in the Western United States originates as snowfall that has accumulated high in the mountains during winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Predictions are based on careful measurements of snow water equivalent at selected index points. Precipitation, temperature, soil moisture and antecedent streamflow data are combined with snowpack data to prepare runoff forecasts. Streamflow forecasts are coordinated by Natural Resources Conservation Service and National Weather Service hydrologists. This report presents a comprehensive picture of water supply conditions for areas dependent upon surface runoff. It includes selected streamflow forecasts, summarized snowpack and precipitation data, reservoir storage data, and narratives describing current conditions.

Snowpack data are obtained by using a combination of manual and automated SNOTEL measurement methods. Manual readings of snow depth and water equivalent are taken at locations called snow courses on a monthly or semi-monthly schedule during the winter. In addition, snow water equivalent, precipitation and temperature are monitored on a daily basis and transmitted via meteor burst telemetry to central data collection facilities. Both monthly and daily data are used to project snowmelt runoff.

Forecast uncertainty originates from two sources: (1) uncertainty of future hydrologic and climatic conditions, and (2) error in the forecasting procedure. To express the uncertainty in the most probable forecast, four additional forecasts are provided. The actual streamflow can be expected to exceed the most probable forecast 50% of the time. Similarly, the actual streamflow volume can be expected to exceed the 90% forecast volume 90% of the time. The same is true for the 70%, 30%, and 10% forecasts. Generally, the 90% and 70% forecasts reflect drier than normal hydrologic and climatic conditions; the 30% and 10% forecasts reflect wetter than normal conditions. As the forecast season progresses, a greater portion of the future hydrologic and climatic uncertainty will become known and the additional forecasts will move closer to the most probable forecast.

United States Department of Agriculture
Natural Resources Conservation Service (formerly the Soil Conservation Service)
Bozeman, Montana

Where to Get More Information

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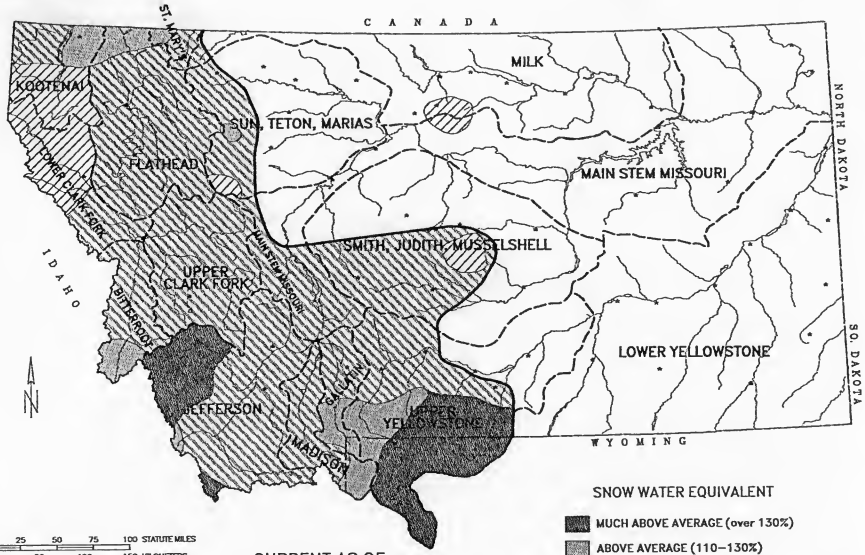
U.S. DEPARTMENT OF AGRICULTURE

NATURAL RESOURCES CONSERVATION SERVICE

MOUNTAIN SNOWWATER EQUIVALENT FOR MONTANA



SNOW WATER EQUIVALENT

- MUCH ABOVE AVERAGE (over 130%)
- ABOVE AVERAGE (110–130%)
- NEAR AVERAGE (90–110%)
- BELOW AVERAGE (70–90%)
- MUCH BELOW AVERAGE (below 70%)
- NO MOUNTAIN SURVEY
- NRCS Office Locations

0 25 50 75 100 STATUTE MILES

0 50 100 150 KILOMETERS

Albers Equal Area Projection
Approx Scale: 1:4,300,000

SOURCE
Information provided by NRCS Snow Survey Personnel

CURRENT AS OF
APRIL 1, 1996

Note:
Data used to generate this map are PROVISIONAL and SUBJECT TO CHANGE. There are no areas designated as Much Below Average in the April 1 report.

NRCS STATE OFFICE, BOZEMAN, MT. GRASS/MAPGEN 4.1/mtnsnow.496

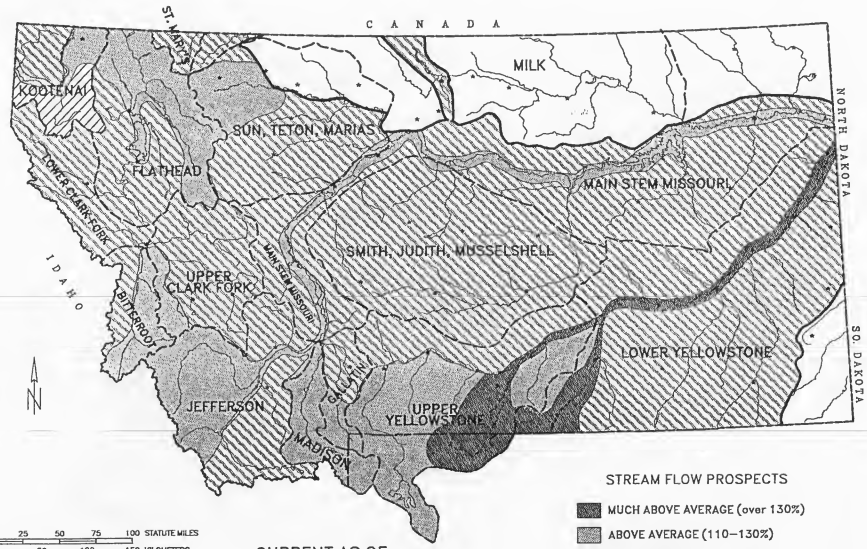
APRIL 1996

U.S. DEPARTMENT OF AGRICULTURE

NATURAL RESOURCES CONSERVATION SERVICE

STREAM FLOW PROSPECTS FOR MONTANA

Spring and Summer Period



0 25 50 75 100 STATUTE MILES

0 50 100 150 KILOMETERS

Albers Equal Area Projection
Approx Scale: 1:4,300,000

SOURCE
Information provided by NRCS Snow Survey Personnel

CURRENT AS OF
APRIL 1, 1996

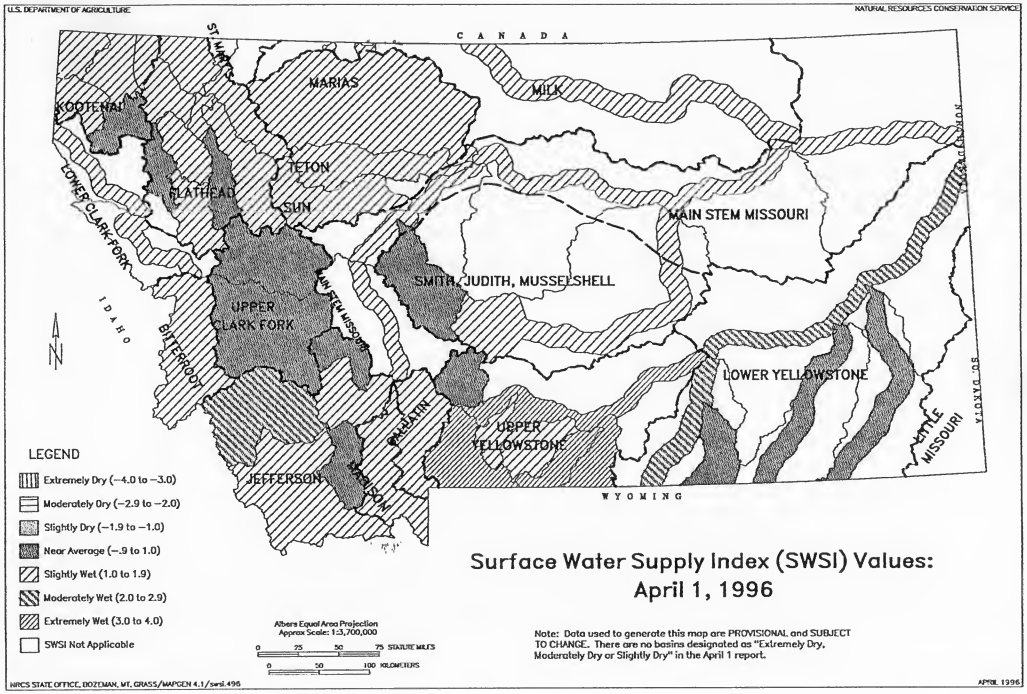
Note:
Data used to generate this map are PROVISIONAL and SUBJECT TO CHANGE. There are no areas designated as Much Below Average in the April 1 report.

STREAM FLOW PROSPECTS

- MUCH ABOVE AVERAGE (over 130%)
- ABOVE AVERAGE (110–130%)
- NEAR AVERAGE (90–110%)
- BELOW AVERAGE (70–90%)
- MUCH BELOW AVERAGE (below 70%)
- NOT FORECAST
- * NRCS Office Locations

NRCS STATE OFFICE, BOZEMAN, MT. GRASS/MAPGEN 4.1/strflow.496

APRIL 1996


U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
CANADA
ST MARY'S
MARIAS
MILK
KOOTENAI
TETON
FLATHEAD
SUN
LOWER CLARK FORK
MAIN STEM MISSOURI
SMITH, JUDITH, MUSSELSHELL
UPPER CLARK FORK
MIN FORK MISSOURI
IDAHO
BITTERROOT
N
LOWER YELLOWSTONE
MAGAZIN
UPPER YELLOWSTONE
LITTLE MISSOURI
JEFFERSON
MADISON
WYOMING
NORTH DAKOTA
LEGEND
Extremely Dry (−4.0 to −3.0)
Moderately Dry (−2.9 to −2.0)
Slightly Dry (−1.9 to −1.0)
Near Average (−.9 to 1.0)
Slightly Wet (1.0 to 1.9)
Moderately Wet (2.0 to 2.9)
Extremely Wet (3.0 to 4.0)
SWSI Not Applicable
Albers Equal Area Projection
Approx Scale: 1:3,700,000
0 25 50 75 STATUTE MILES
0 50 100 KILOMETERS
Surface Water Supply Index (SWSI) Values:
April 1, 1996
Note: Data used to generate this map are PROVISIONAL and SUBJECT TO CHANGE. There are no basins designated as "Extremely Dry, Moderately Dry or Slightly Dry" in the April 1 report.
NRCS STATE OFFICE, BOZEMAN, MT, GRASS/MAPGEN 4.1/swsi.496
APRIL 1996

B A S I N S U M M A R Y O F
S N O W C O U R S E D A T A

APRIL 1996

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-90
ABUNDANCE LAKE	8800	3/29/96	77	27.0	23.4	20.8
AMBROSE	6480	3/28/96	42	12.0	9.8	13.2
ASHLEY LAKE	4000	3/26/96	22	6.5	3.5	5.8
ARCH FALLS	7350	3/27/96	45	12.8	10.4	12.8
ASHLEY DIVIDE	4820	3/26/96	24	8.5	1.8	6.6
BADGER PASS PILLOW	6900	4/01/96	---	39.2	31.5	36.5
BADGER PASS	6900	4/04/96	102	39.7	32.4	38.4
BALD RIDGE	7500	3/31/96	52	13.8	14.0	13.4
BANFIELD MTN PILLOW	5600	4/01/96	---	21.1	17.5	20.2
BANFIELD MOUNTAIN	5600	3/30/96	57	20.5	17.6	22.9
BAREE CREEK	5500	3/28/96	89	36.0	39.8	45.3
BAREE MIDWAY	4600	3/28/96	67	23.5	24.4	35.1
BAREE TRAIL	3800	3/28/96	18	6.1	2.3	8.4
BARKER LAKES PILLOW	8250	4/01/96	---	15.3	15.2	15.4
BARKER LAKES	8250	3/27/96	51	14.8	14.2	15.6
BASIN CREEK PILLOW	7180	4/01/96	---	9.0	12.0	8.7
BASIN CREEK	7180	3/27/96	35	8.8	12.2	8.7
BASSOO PEAK	5150	3/29/96	31	8.6	5.1	11.3
BEAGLE SPGS PILLOW	8850	4/01/96	---	10.9	9.3	8.4
BEAGLE SPRINGS	8850	3/30/96	40	11.0	11.0	9.7
BEAR BASIN	8150	3/28/96	70	24.0	20.6	21.4
BEAVER CREEK PILLOW	7850	4/01/96	---	20.4	22.4	18.3
BERRY MEADOW	7000	3/29/96	35	8.4	6.4	8.0
BIG CREEK	6750	4/04/96	114	45.8	43.1	45.7
BIG SNOWY	7150	3/27/96	69	17.3	20.9	22.4
BISSON CREEK PILLOW	4920	4/01/96	---	9.1	6.2	10.2
BISSON CREEK	4920	3/27/96	29	9.4	7.6	9.7
BLACK BEAR PILLOW	7950	4/01/96	---	49.0	58.0	38.5
BLACK MOUNTAIN	7750	3/26/96	49	14.4	14.2	16.3
BLACK PINE PILLOW	7100	4/01/96	---	16.1	9.3	12.7
BLACK PINE	7100	3/31/96	50	16.0	10.1	13.5
BLACKTAIL	5650	4/02/96	44	13.5	10.4	14.2
BLOODY DICK PILLOW	7550	4/01/96	---	16.6	13.5	12.6
BLOODY DICK	7600	3/30/96	56	19.7	12.2	13.7
BLUE LAKE	5900	4/04/96	60	19.1	19.3	25.3
BOTS SOTS	7750	3/28/96	47	12.0	7.1	8.2
BOULDER MTN PILLOW	7950	4/01/96	---	22.6	21.7	20.6
BOULDER MOUNTAIN	7950	3/27/96	67	20.5	17.8	19.5
BOX CANYON PILLOW	6700	4/01/96	---	15.2	7.9	10.3
BOX CANYON	6670	3/28/96	51	13.9	7.9	12.2
BOXELDER CREEK	5100	3/28/96	29	7.7	3.0	8.3
BRANHAM LAKES	8850	3/27/96	98	36.9	34.5	30.2
BRIDGER BOWL PILLOW	7250	3/28/96	---	24.6	26.3	26.2
BRIDGER BOWL	7250	3/28/96	78	26.8	26.3	26.9
BRISTOW CREEK	3900	3/30/96	26	7.8	4.7	9.4
BRUSH CREEK TIMBER	5000	3/28/96	23	6.0	5.0	9.5
BULL MOUNTAIN	6600	3/29/96	23	6.7	3.6	6.4
CABIN CREEK	5200	3/28/96	23	7.1	.6	6.2
CALL ROAD	8050	3/31/96	45	12.5	13.6	12.4
CALVERT CR PILLOW	6430	4/01/96	---	12.3	7.7	8.9
CAMP MISERY	6400	3/28/96	108	43.0	50.0	49.0
CAMP SENIA	7890	3/28/96	40	9.2	6.7	6.6

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-90
CARROT BASIN PILLOW	9000	4/01/96	---	33.5	35.1	28.3
CARROT BASIN	9000	3/29/96	107	38.4	40.9	36.4
CARTER CREEK	7400	3/28/96	21	4.7	12.2	5.9
CEDAR GROVE	3760	3/27/96	35	7.2	6.4	12.2
CHESSMAN RESERVOIR	6200	3/28/96	10	1.7	2.7	3.9
CHICKEN CREEK	4060	3/29/96	46	16.8	11.7	14.0
CLOVER MDW PILLOW	8800	4/01/96	---	18.5	21.1	18.6
CLOVER MEADOW	8600	3/31/96	60	17.8	16.8	17.9
COLE CREEK PILLOW	7850	4/01/96	---	20.8	17.1	17.3
COLE CREEK	7850	3/26/96	71	22.3	18.0	18.0
COLLEY CREEK	6300	3/29/96	37	9.5	5.4	8.9
COMBINATION PILLOW	5600	4/01/96	---	5.4	1.2	5.8
COMBINATION	5600	3/31/96	15	4.0	1.0	6.1
COPPER BOTTOM PILLOW	5200	4/01/96	---	12.0	6.7	11.7
COPPER BOTTOM	5200	3/31/96	32	10.6	4.8	10.5
COPPER CAMP PILLOW	6950	4/01/96	---	39.7	25.5	34.9
COPPER CAMP	6950	3/31/96	100	39.8	23.7	29.9
COPPER CREEK	5700	3/31/96	46	14.8	5.8	14.2
COPPER MOUNTAIN	7700	3/28/96	48	13.2	14.1	11.4
COTTONWOOD CREEK	6400	3/26/96	16	4.4	8.8	8.8
COYOTE HILL	4200	3/27/96	29	8.0	3.3	9.5
CREVICE MOUNTAIN	8400	3/28/96	54	14.1	11.1	10.9
CRYSTAL LAKE PILLOW	6050	4/01/96	---	9.7	13.9	12.8
CRYSTAL LAKE	6050	3/27/96	37	10.2	14.4	14.5
DAD CREEK LAKE	8400	3/30/96	54	15.8	20.2	15.1
DAISY PEAK	7600	3/25/96	42	10.4	9.6	10.6
DALY CREEK PILLOW	5780	4/01/96	---	11.3	7.1	11.9
DALY CREEK	5780	3/24/96	36	10.4	8.6	12.3
DARKHORSE LK. PILLOW	8700	4/01/96	---	37.0	33.2	33.7
DARKHORSE LAKE	8600	3/30/96	87	31.9	29.3	27.0
DAVIS CREEK	5400	3/29/96	64	22.7	20.8	24.3
DEADMAN CR PILLOW	6450	4/01/96	---	10.4	7.7	10.2
DEADMAN CREEK	6450	3/29/96	37	9.9	8.4	11.3
DEVILS SLIDE	8100	3/27/96	72	24.4	18.6	22.1
DISCOVERY BASIN	7050	3/28/96	44	12.2	9.3	11.3
DIVIDE PILLOW	7800	4/01/96	---	10.7	16.1	11.3
DIVIDE	7800	3/31/96	37	9.9	17.0	11.6
DIX HILL	6400	3/31/96	34	11.5	5.8	11.3
DUPUYER CREEK PILLOW	5750	4/01/96	---	13.9	2.9	12.9
EAGLE CREEK	7000	3/26/96	49	15.2	13.6	14.4
EAST FORK R.S.	5400	3/27/96	14	4.4	1.7	5.6
EL DORADO MINE	7800	3/30/96	72	23.3	20.5	21.6
ELK HORN SPRINGS	7800	3/29/96	45	12.6	10.0	9.3
ELK PEAK	8000	3/26/96	52	16.2	14.0	17.3
EMERY CREEK PILLOW	4350	4/01/96	---	11.6	11.2	16.3
FATTY CREEK	5500	4/04/96	64	22.3	22.2	24.3
FISH CREEK	8000	3/27/96	39	9.5	14.5	9.9
FISHER CREEK PILLOW	9100	4/01/96	---	46.9	34.6	36.1
FIVE-BULL	5700	4/01/96	16	5.1	.2	6.3
FLATTOP MTN PILLOW	6300	4/01/96	---	52.7	45.7	47.1
FLEECER RIDGE	7500	3/29/96	50	12.5	13.3	11.3
FOOLHEN	8280	3/29/96	63	20.9	16.8	17.1
FOREST LAKE	6400	3/26/96	36	9.8	11.0	12.6
FOUR MILE	6900	3/27/96	31	8.8	9.2	8.9
FOURTH OF JULY	3450	3/30/96	19	5.5	.0	7.4
FRED BURR PASS	8000	3/28/96	85	32.2	22.2	25.4
FREIGHT CREEK	6000	4/04/96	46	12.6	10.4	15.5

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-90
FROHNER MDWS PILLOW	6480	4/01/96	---	8.8	5.6	8.7
FROHNER MEADOWS	6480	3/28/96	27	7.0	3.7	8.4
GARVER CREEK PILLOW	4250	3/31/96	---	11.3	7.6	10.1
GARVER CREEK	4250	3/31/96	47	12.9	8.8	10.2
GIBBONS PASS	7100	3/27/96	82	30.2	21.1	23.2
GOAT MOUNTAIN	7000	3/29/96	38	10.6	4.5	10.5
GOLD CREEK LAKE	7200	3/30/96	54	16.0	13.6	15.9
GOLD STONE	8100	3/30/96	67	23.6	16.2	17.4
GRASSHOPPER	7000	3/26/96	19	5.2	5.2	6.2
GRAVE CRK PILLOW	4300	4/01/96	---	15.4	12.2	16.7
GRAVE CREEK	4300	4/03/96	39	14.4	12.4	17.0
GRIFFIN CR DIVIDE	5150	3/29/96	30	8.5	6.2	11.2
GUNSIGHT LAKE	6300	4/04/96	114	47.8	31.8	40.0
HAND CREEK PILLOW	5030	4/01/96	---	12.1	10.8	13.3
HAND CREEK	5030	3/28/96	40	11.2	11.0	13.6
HAWKINS LAKE PILLOW	6450	4/01/96	---	27.6	23.2	29.0
HAWKINS LAKE	6450	3/29/96	84	31.4	27.6	31.0
HAYMAKER	8050	3/25/96	47	12.6	13.2	12.7
HEART LAKE TRAIL	4800	3/26/96	49	16.6	13.3	21.6
HEBGEN DAM	6550	3/27/96	38	12.1	14.3	12.1
HELL ROARING DIVIDE	5770	3/29/96	82	30.9	29.7	31.0
HERRIG JUNCTION	4850	3/28/96	74	28.9	26.2	26.0
HOLBROOK	4530	3/31/96	29	9.0	2.0	9.0
HOODOO BASIN PILLOW	6050	4/01/96	---	52.0	38.6	47.0
HOODOO BASIN	6050	3/26/96	133	50.7	39.9	51.0
HOODOO CREEK	5900	3/26/96	114	44.0	32.2	46.3
INDEPENDENCE	7850	3/28/96	69	22.2	13.8	18.3
INTERGAARD	6450	3/29/96	24	6.7	7.0	8.6
JAHNKE LAKE TRAIL	7200	3/29/96	50	13.8	10.8	10.0
JOHNSON PARK	6450	3/25/96	22	5.6	2.4	6.9
KEELER CREEK	3300	3/28/96	20	8.0	9.6	10.8
KINGS HILL	7500	3/29/96	52	14.2	12.2	14.5
KISHENEHN	3890	3/28/96	26	7.9	5.8	7.0
KIWANIS CAMP	3720	3/28/96	5	.8	2.0	.8
KRAFT CREEK PILLOW	4750	4/01/96	---	14.1	7.1	15.3
LAKE CREEK	6100	3/31/96	33	8.4	9.8	8.5
LAKEVIEW CANYON	6930	3/29/96	42	9.7	14.0	12.3
LAKEVIEW RDG. PILLOW	7400	4/01/96	---	12.3	15.2	13.0
LAKEVIEW RIDGE	7400	3/29/96	40	9.6	15.5	11.1
LEMHI RIDGE PILLOW	8100	4/01/96	---	13.1	13.6	11.1
LEMHI RIDGE	8100	3/30/96	43	12.5	14.2	10.7
LICK CREEK PILLOW	6860	4/01/96	---	10.2	11.7	14.4
LITTLE PARK	7400	3/28/96	60	18.0	14.8	16.3
LOGAN CREEK	4300	3/28/96	27	8.2	5.1	7.1
LONE MOUNTAIN	8880	3/29/96	88	31.7	30.4	23.8
LOST HORSE	5940	3/26/96	73	28.8	22.6	32.3
LOST SOUL	4800	3/30/96	46	15.2	12.4	15.3
LOWER TWIN PILLOW	7900	4/01/96	---	21.3	22.0	18.6
LOWER TWIN	7900	3/27/96	76	26.2	26.6	22.1
LUBRECHT PILLOW	4680	4/01/96	---	4.3	.0	5.1
LUBRECHT FLUME	4680	3/30/96	9	3.0	.0	4.4
LUBRECHT FOREST NO 3	5450	3/29/96	20	5.6	2.3	6.8
LUBRECHT FOREST NO 4	4650	3/29/96	4	1.2	.0	2.1
LUBRECHT FOREST NO 6	4040	3/29/96	5	1.7	.0	2.3
LUBRECHT HYDROPLOT	4200	3/30/96	11	4.2	.0	4.2
MADISON PLT PILLOW	7750	4/01/96	---	29.0	33.4	24.8
MADISON PLATEAU	7750	3/25/96	72	28.0	33.7	23.9

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-90
MANY GLACIER PILLOW	4900	4/01/96	---	14.0	5.4	16.6
MANY GLACIER	4900	3/30/96	49	16.4	10.8	18.8
MARIAS PASS	5250	3/28/96	48	16.7	9.2	17.4
MAYNARD CR PILLOW	6210	3/28/96	---	12.9	9.5	11.4
MAYNARD CREEK	6210	3/28/96	43	10.8	10.5	15.1
MIDDLE MILL CREEK	7850	3/27/96	53	18.9	16.4	16.6
MILL CREEK	7500	3/29/96	55	14.9	11.9	13.7
MINERAL CREEK	4000	3/29/96	46	17.6	12.6	17.5
MONUMENT PK PILLOW	8850	4/01/96	---	26.4	20.9	21.4
MONUMENT PEAK	8850	3/28/96	86	27.2	20.8	26.5
MOSS PEAK PILLOW	6780	4/01/96	---	43.5	41.0	38.4
MOULTON RESERVOIR	6850	3/27/96	35	9.2	9.6	6.8
MT LOCKHART PILLOW	6400	4/01/96	---	26.0	16.1	21.5
MOUNT LOCKHART	6400	3/31/96	83	26.6	18.6	23.1
MUDD LAKE	7650	3/29/96	75	28.1	17.8	20.0
MULE CREEK PILLOW	8300	4/01/96	---	22.0	17.0	16.2
MULE CREEK	8300	3/29/96	68	20.8	18.0	15.9
NEVADA CREEK PILLOW	6480	4/01/96	---	17.0	10.9	13.4
NEVADA CREEK	6480	3/29/96	57	16.5	10.2	14.4
NEW WORLD	6900	3/27/96	43	13.2	16.8	15.7
NEWTON MOUNTAIN	5600	3/30/96	83	32.9	30.8	35.6
NEZ PERCE CMP PILLOW	5650	4/01/96	---	17.1	11.0	15.1
NEZ PERCE CAMP	5650	3/27/96	45	14.6	11.0	15.2
NEZ PERCE CREEK	6600	3/28/96	26	7.1	6.3	7.1
NEZ PERCE PASS	6570	3/27/96	46	15.6	10.0	17.1
NOISY BASIN PILLOW	6040	4/01/96	---	41.1	39.1	40.7
NOISY BASIN	6040	3/28/96	108	41.8	39.0	45.4
N.F. ELK CR PILLOW	6250	4/01/96	---	14.0	8.9	13.2
N.F. ELK CREEK	6250	3/30/96	44	12.5	9.1	13.0
NF JOCKO PILLOW	6330	4/01/96	---	49.4	29.4	47.7
NORTH FORK JOCKO	6330	4/04/96	120	47.4	32.5	44.9
N.E. ENTRANCE PILLOW	7350	4/01/96	---	12.8	7.5	9.2
NORTHEAST ENTRANCE	7350	3/26/96	41	13.8	8.4	9.1
NOTCH	8500	3/31/96	57	16.2	26.8	16.4
OPHIR PARK	7150	3/31/96	53	17.8	11.7	18.0
PALISADE CREEK	8250	3/29/96	98	41.1	30.0	29.9
PETERSON MDW PILLOW	7200	3/27/96	---	9.8	9.9	11.0
PETERSON MEADOWS	7200	3/27/96	35	9.0	10.1	10.8
PICKET PIN LOWER	6200	3/25/96	12	3.0	.3	3.0
PICKET PIN MIDDLE	7250	3/25/96	40	13.1	1.6	13.4
PICKET PIN UPPER	8100	3/25/96	71	23.6	16.4	20.9
PICKFOOT CRK PILLOW	6650	4/01/96	---	12.3	6.8	11.0
PICKFOOT CREEK	6650	3/27/96	46	11.5	5.2	10.5
PIKE CREEK PILLOW	5930	4/01/96	---	30.7	20.5	27.9
PIKE CREEK	5930	3/26/96	72	25.0	17.9	26.7
PIPESTONE PASS	7200	3/29/96	22	5.4	7.6	5.9
PLACER BASIN PILLOW	8830	4/01/96	---	22.1	15.3	19.1
POORMAN CREEK	5100	3/27/96	71	23.2	26.8	34.4
PORCUPINE PILLOW	6500	4/01/96	---	8.0	7.5	7.4
PORCUPINE	6500	3/31/96	29	7.2	7.6	8.0
POTOMAGETON PARK	7150	3/26/96	43	14.4	17.1	14.6
RED MOUNTAIN	6000	3/28/96	60	22.1	17.2	18.9
RED TOP	5260	3/30/96	75	29.9	24.3	29.0
REVAIS CREEK	4800	3/28/96	8	.6	.0	2.1
ROCK CREEK	5600	3/27/96	28	6.6	10.3	10.6
ROCK CREEK MEADOW	8160	3/29/96	79	26.0	22.0	22.0
ROCKER PEAK PILLOW	8000	4/01/96	---	16.2	14.1	15.3

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-90
ROCKER PEAK	8000	3/29/96	54	16.5	14.6	15.5
ROCKY BOY PILLOW	4700	3/28/96	---	1.5E	2.7	4.9
ROCKY BOY	4700	3/28/96	9	1.3	2.2	4.4
SACAJAWEA	6550	3/28/96	49	14.3	13.2	14.6
SADDLE MTN PILLOW	7900	4/01/96	---	35.5	25.2	26.1
SADDLE MOUNTAIN	7940	3/27/96	92	34.4	24.3	25.6
SHORT CREEK PILLOW	7000	4/01/96	---	5.9	6.7	6.3
SHOWER FALLS PILLOW	8100	4/01/96	---	25.3	20.5	23.8
SHOWER FALLS	8100	3/27/96	73	25.0	19.8	23.6
SILVER RUN PILLOW	6630	4/01/96	---	6.9	2.5	6.8
SILVER RUN	6630	3/26/96	12	3.2	.3	5.2
SKALKAHO PILLOW	7260	4/01/96	---	32.1	21.4	24.9
SKALKAHO SUMMIT	7250	3/24/96	86	30.6	21.0	25.9
SLAG-A-MELT LAKE	8750	3/29/96	79	25.8	20.8	25.8
SLIDE ROCK MOUNTAIN	7100	3/30/96	50	15.0	11.6	16.7
SMUGGLER MINE	6960	3/27/96	32	9.3	12.8	10.5
S.F. SHIELDS PILLOW	8100	4/01/96	---	20.1	18.5	17.9
S.F. SHIELDS	8100	3/31/96	78	25.5	--	25.0
SPOTTED BEAR MTN.	7000	4/04/96	45	14.9	8.0	14.9
SPUR PARK PILLOW	8100	4/01/96	---	24.1	18.2	22.2
SPUR PARK	8100	3/29/96	65	21.4	15.2	21.4
SQUAW PEAK	6150	3/28/96	51	15.7	10.3	16.0
STAHL PEAK PILLOW	6030	4/01/96	---	47.3	38.6	35.1
STAHL PEAK	6030	4/03/96	121	51.2	40.6	39.7
STEMPLE PASS	6600	3/27/96	34	8.2	6.6	10.6
STORM LAKE	7780	3/27/96	50	12.8	13.7	14.0
STRYKER BASIN	6180	3/28/96	96	38.1	35.0	34.6
STUART MOUNTAIN	7400	4/04/96	102	43.1	25.0	32.9
SUCKER CREEK	3960	3/28/96	6	.7	3.1	.4
TAYLOR ROAD	4080	3/28/96	7	.9	3.2	2.2
TEN MILE LOWER	6600	3/25/96	22	5.7	5.2	7.8
TEN MILE MIDDLE	6800	3/25/96	46	11.5	11.8	12.2
TEPEE CREEK PILLOW	8000	4/01/96	---	13.9	19.4	13.4
TEPEE CREEK	8000	3/31/96	58	15.2	22.4	15.8
TIMBERLINE CREEK	8850	3/25/96	68	19.7	16.6	14.8
TIZER BASIN PILLOW	6840	4/01/96	---	10.7	10.3	12.0
TRAIL CREEK	7090	3/30/96	32	8.7	10.2	8.7
TRINKUS LAKE	6100	3/28/96	104	40.8	35.6	43.4
TRUMAN CREEK	4060	3/26/96	13	4.8	.1	3.5
TV MOUNTAIN	6800	4/04/96	60	20.4	14.3	19.2
TWELVEMILE PILLOW	5600	4/01/96	---	14.6	11.2	18.6
TWELVEMILE CREEK	5600	3/26/96	36	13.0	11.8	21.6
TWENTY-ONE MILE	7150	3/27/96	53	18.6	23.3	17.4
TWIN CREEKS	3580	4/04/96	27	9.4	3.7	10.3
TWIN LAKES	6510	3/26/96	118	44.8	35.2	41.7
UPPER HOLLAND LAKE	6200	4/04/96	93	31.4	25.1	35.4
WALDRON PILLOW	5600	4/01/96	---	14.4	6.0	11.3
WALDRON	5600	3/31/96	35	9.8	2.6	10.0
WARM SPRINGS PILLOW	7800	4/01/96	---	29.9	18.8	22.3
WARM SPRINGS	7800	3/28/96	74	26.0	16.8	19.8
WEASEL DIVIDE	5450	4/03/96	96	35.4	33.4	33.8
WEST YELL'ST PILLOW	6700	3/27/96	---	6.9	11.2	9.1
WEST YELLOWSTONE	6700	3/27/96	31	10.5	16.0	11.6
WHISKEY CREEK PILLOW	6800	4/01/96	---	19.0	22.0	17.5
WHISKEY CREEK	6800	3/25/96	56	21.0	29.3	21.5
WHITE MILL PILLOW	8700	4/01/96	---	36.1	24.9	25.1
WHITE PINE RIDGE	8850	3/30/96	20	4.4	9.0	5.8

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-90
WILLOW CREEK	6500	3/26/96	32	9.4	4.9	9.5
WOOD CREEK PILLOW	5960	4/01/96	---	10.6	5.9	12.2
WOOD CREEK	5960	4/01/96	36	11.5	4.9	11.3
WRONG CREEK	5700	3/27/96	48	13.7	5.3	13.6
WRONG RIDGE	6800	3/27/96	62	20.2	11.8	19.4

MONTANA Water Supply Outlook Report as of April 1, 1996

March has continued this winters on again/off again trend. Storms during the month varied between rain and snow and were hit and miss across the state. March was some what of a disappointing mountain snow producing month with most areas receiving below to well below average precipitation. The exception being in the central mountains where they received average to above average mountain snow. Temperatures were as varied as the moisture, with below zero wind chills bouncing back to daily highs in the upper forties and low fifties. Most streams have opened up and running free of ice. Streams in the northcentral and northeastern part of the state had some high water and flooding due to melting snow on frozen ground and ice jams.

SNOWPACK

Storms that brought snow to the mountains and valleys across the state were highly variable. Some areas added several inches during storms while others a short distance away received very little. Overall, March was a disappointing month for snow accumulation, except in central Montana where March was above average. Even though March did not produce average snow water increases, most areas had a high enough snowpack earlier in the winter to where there should not be widespread water shortages.

As of April 1, mountain snow water conditions were 5 percent above average; 20 percent above last year; and decreased 6 percent during March.

Continuing the season trend, the Upper Yellowstone has continued to set new snowpack records. Snow water equivalents in the Clark's Fork/Rock Creek watersheds were 36 percent above average but ranged as high as 56 percent above average. West of the Continental Divide, snow water content was at average; 27 percent above last year; and decreased 7 percent during March. East of the Continental Divide, snow water content was 13 percent above average; 16 percent above last year; and dropped 1 percent during March.

With about 95 percent of the winter snowpack in place, most areas should have average to above average spring and summer water supply. The Upper Yellowstone should have above to well above spring and summer water supply.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR
COLUMBIA	100	127
KOOTENAI	92	109
FLATHEAD	103	128
UPPER CLARK FORK	106	139
BITTERROOT	107	142
LOWER CLARK FORK	90	123
MISSOURI	107	108
MISSOURI HEADWATERS	111	101
JEFFERSON	115	105
MADISON	113	92
GALLATIN	105	106
MISSOURI MAINSTEM	97	129
HEADWATERS MAINSTEM	98	115
SMITH-JUDITH-MUSSELSHELL	94	106
SUN-TETON-MARIAS	101	166
MILK (BEARPAW MTNS.)	71	84
ST. MARY	104	132
ST. MARY and MILK	98	124

SNOWPACK (continued)

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR
YELLOWSTONE	121	127
UPPER YELLOWSTONE	125	132
LOWER YELLOWSTONE (WYOMING)	120	123
WIND	120	124
SHOSHONE	153	139
BIGHORN	126	124
TONGUE	112	125
POWDER	107	106

PRECIPITATION

March mountain and valley precipitation, across the state, was 8 percent below average and 14 percent below last year, while water year precipitation was 34 percent above average and 28 percent above last year.

West of the Continental Divide, March mountain and valley precipitation was 31 percent below average and 23 percent below last year and water year precipitation was 37 percent above average and 35 percent above last year. East of the Continental Divide, March mountain and valley precipitation was 1 percent below average and 4 percent below last year and water year precipitation was 30 percent above average and 21 percent above last year.

Combined mountain and valley precipitation are as follows:

RIVER BASIN	MARCH % OF AVERAGE	WATER YEAR % OF AVERAGE
COLUMBIA	69	137
KOOTENAI	49	137
FLATHEAD	70	136
UPPER CLARK FORK	80	126
BITTERROOT	68	145
LOWER CLARK FORK	65	144
MISSOURI	96	120
JEFFERSON	87	118
MADISON	92	116
GALLATIN	85	115
MISSOURI MAINSTEM	89	106
SMITH-JUDITH-MUSSELSHELL	110	114
SUN-TETON-MARIAS	107	131
MILK	150	141
ST. MARY	76	144
YELLOWSTONE	126	126
UPPER YELLOWSTONE	121	132
LOWER YELLOWSTONE	131	124
WIND	111	119
SHOSHONE	103	148
BIGHORN	146	109
TONGUE	163	125
POWDER	169	118

RESERVOIRS

Major reservoir storage across the state was 23 percent above average and 40 percent above last year.

West of the Continental Divide, reservoirs were 19 percent above average and 11 percent above last year. East of the Continental Divide, reservoirs were 24 percent above average and 24 percent above last year.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR
COLUMBIA	119	111
KOOTENAI	111	84
FLATHEAD	107	120
UPPER CLARK FORK	124	111
BITTERROOT	159	167
LOWER CLARK FORK	96	74
MISSOURI	123	114
JEFFERSON	111	121
MADISON	102	103
GALLATIN	146	107
MISSOURI MAINSTEM	96	95
SMITH-JUDITH-MUSSELSHELL	139	131
SUN-TETON-MARIAS	142	128
MILK	116	141
ST. MARY	158	154
YELLOWSTONE	98	88
UPPER YELLOWSTONE	98	77
LOWER YELLOWSTONE	99	99

STREAMFLOW

Streamflow forecasts across Montana were 12 percent above average and 44 percent above last years forecasts.

West of the Continental Divide, streamflows are forecast to be 9 percent above average and 49 percent above last years forecasts. East of the Continental Divide, streamflows are forecast to be 14 percent above average and 38 percent above last years forecasts.

RIVER BASIN	FORECASTS % OF AVERAGE	FORECASTS % OF LAST YEAR
COLUMBIA	109	149
KOOTENAI	116	132
FLATHEAD	113	150
UPPER CLARK FORK	92	145
BITTERROOT	116	162
LOWER CLARK FORK	109	158
MISSOURI	112	119
JEFFERSON	118	112
MADISON	113	95
GALLATIN	108	104
MISSOURI MAINSTEM	117	115
SMITH-JUDITH-MUSSELSHELL	106	129
SUN-TETON-MARIAS	112	161
MILK	103	171
ST. MARY	107	128
YELLOWSTONE	132	132

STREAMFLOW (continued)

RIVER BASIN	FORECASTS % OF AVERAGE	FORECASTS % OF LAST YEAR
UPPER YELLOWSTONE	131	132
LOWER YELLOWSTONE	132	131

NOTE: The FORECAST AS % OF LAST YEAR column above, is this years forecast as a percent of last years forecast, not of what actually occurred.

SURFACE WATER SUPPLY INDEX

The Surface Water Supply Index (SWSI) is an indicator of surface water supply conditions for the spring and summer months. Water users that rely on mountain precipitation can use the index to evaluate seasonal surface water supplies. The SWSI accounts for mountain snowpack, mountain precipitation, streamflow, reservoir storage, and soil moisture.

SWSI RATING	SURFACE WATER CONDITION
+3.0 to +4.0	Extremely Wet
+2.0 to +3.0	Moderately Wet
+1.0 to +2.0	Slightly Wet
-1.0 to +1.0	Near Average
-1.0 to -2.0	Slightly Dry
-2.0 to -3.0	Moderately Dry
-3.0 to -4.0	Extremely Dry

SWSI's on April 1, were ranging from -0.5 to +3.4 statewide. West of the Continental Divide, SWSI's were ranging from -0.5 to +2.0 and east of the Continental Divide from 0.0 to 3.4.

SWSI	Basin
+1.1	Kootenai River at Ft. Steele (Kootenai in Canada)
+1.8	Tobacco River
+1.8	Kootenai Ft. Steele to Libby Dam
+2.0	Kootenai River below Libby Dam
-0.5	Fisher River
+1.0	Yaak River
+1.4	North Fork Flathead River
+1.5	Middle FORK Flathead River
+1.1	South Fork Flathead River
+1.3	Flathead River at Columbia Falls
+1.4	Stillwater/Whitefish Rivers
+0.7	Swan River
+1.6	Flathead River at Polson
+1.1	Mission Valley
+0.9	Little Bitterroot River
+0.7	Clark Fork River above Rock Creek
+0.8	Blackfoot River
+0.8	Clark Fork River above Missoula
+1.7	Bitterroot River
+1.0	Clark Fork River below Bitterroot River
+1.4	Clark Fork River below Flathead River
+1.8	Beaverhead River
0.0	Ruby River
+2.1	Big Hole River

SURFACE WATER SUPPLY INDEX (continued)

SWSI	Basin
+0.7	Boulder River (Jefferson)
+1.7	Jefferson River
+1.7	Madison River
+1.1	Gallatin River
+1.6	Missouri River above Canyon Ferry
+1.0	Missouri River below Canyon Ferry
+0.9	Smith River
+1.4	Sun River
+1.8	Teton River
+2.2	Birch/Dupuyer Creeks
+1.4	Marias River
+1.0	Musselshell River
+1.8	Missouri River above Ft. Peck
+1.6	Missouri River below Ft. Peck
+1.6	Milk River
+3.4	Yellowstone River above Livingston
+0.9	Shields River
+1.5	Boulder River (Yellowstone)
+1.8	Stillwater River
+3.0	Rock/Red Lodge Creeks
+3.3	Clarks Fork River
+3.0	Yellowstone River above Bighorn River
+2.1	Bighorn River below Bighorn Lake
+0.9	Little Bighorn River
+2.8	Yellowstone River below Bighorn River
+0.9	Tongue River
+0.3	Powder River

KOOTENAI RIVER BASIN in Montana as of April 1, 1996

Snowpack conditions in the Kootenai River Basin of Montana and Canada were near average. Snow water content for the Kootenai in Montana was 8 percent below average; 9 percent above last year; and decreased 7 percent during March. Snow water content for the East Kootenai in Canada was 20 percent above average; 33 percent above last year; and decreased 3 percent during March.

Mountain precipitation during March was 51 percent below average and 51 percent below last year. Valley precipitation during March was 21 percent below average and 26 percent below last year. Mountain and valley water year precipitation, beginning October 1, 1995, was 37 percent above average and 29 percent above last year.

Lake Koocanusa storage, on the last day of March, was 11 percent above average and 16 percent below last year.

Streamflows, for the period April through July, are forecast to be 16 percent above average and 32 percent above last years forecasts.

Surface Water Supply Index (SWSI) was +1.1 in the Kootenai River at Ft. Steele (Kootenai in Canada); +1.8 in the Tobacco River; +1.8 in the Kootenai Ft. Steele to Libby Dam; +2.0 in the Kootenai River below Libby Dam; -0.5 in the Fisher River; and +1.0 in the Yaak River.

Streamflow Forecasts

Forecast Pt Forecast Period	<=== Drier === Chance of Exceeding * 90% (1000AF)	70% (1000AF)	Future Conditions 50% (Most Prob) (1000AF)	(% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
TOBACCO RIVER nr Eureka							
APR-JUL	133	149	160	120	171	187	133
APR-SEP	144	162	175	119	188	206	147
LIBBY RES Inflow (1,2)							
APR-JUL	5852	6614	6960	120	7306	8068	5779
APR-SEP	6860	7754	8160	121	8566	9460	6772
FISHER RIVER near Libby							
APR-JUL	178	194	205	88	216	232	234
APR-SEP	192	209	220	88	231	248	250
YAAK RIVER near Troy							
APR-JUL	452	481	500	104	519	548	483
APR-SEP	476	505	525	104	545	574	505

Forecast Pt Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions 50% (Most Prob) (1000AF)	(% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
	========== Chance of Exceeding * ==========						
KOOTENAI at Leonia (1,2)							
APR-JUL	6865	7811	8240	115	8669	9615	7199
APR-SEP	7890	8977	9470	114	9963	11050	8275

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

The average is computed for the 1961-1990 base period.

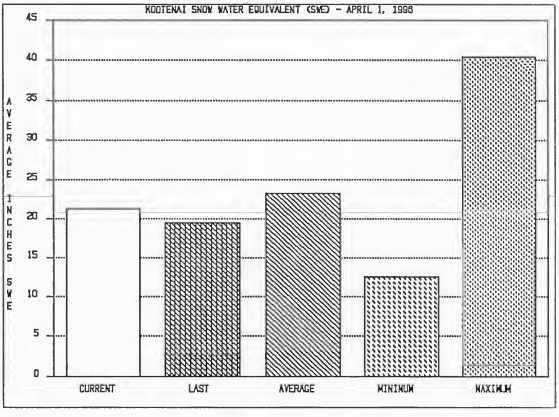
(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural flow - actual flow may be affected by upstream water management.

Reservoir Storage (1000AF) End of March

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
LAKE KOOCANUSA	5748.0	2386.0	2835.0	2141.0

Watershed Snowpack Analysis

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
KOOTENAI MAINSTEM	8	101	87
TOBACCO	3	117	115
FISHER	5	102	75
YAAK	7	123	99
KOOTENAI ab BONNERS FERRY	43	119	103
KOOTENAI in MONTANA	22	109	92



AVERAGE IS FOR THE PERIOD 1961-1990.

MINIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1977.

MAXIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1974.

FLATHEAD RIVER BASIN as of April 1, 1996

Snowpack conditions in the Flathead River Basin of Montana and Canada were slightly near average. Snow water content for the Flathead in Montana was 3 percent above average; 28 percent above last year; and decreased 7 percent during March. Snow water content for the Flathead in Canada was 8 percent above average; 21 percent above last year; and decreased 10 percent during March.

Mountain precipitation during March was 32 percent below average and 19 percent below last year. Valley precipitation during March was 9 percent below average and 18 percent below last year. Mountain and valley water year precipitation, beginning October 1, 1995, was 36 percent above average and 32 percent above last year.

Reservoir storage, on the last day of March, was 7 percent above average and 20 percent above last year. Combined Camas reservoir storage was 17 percent above average and 87 percent above last year; the combined Mission Valley reservoir storage was 2 percent above average and 42 percent above last year; Hungry Horse storage was 7 percent below average and 2 percent above last year; and Flathead Lake storage was 47 percent above average and 68 percent above last year.

Streamflows, for the period April through July, are forecast to be 13 percent above average and 50 percent above last years forecasts.

Surface Water Supply Index (SWSI) was +1.4 in the North Fork Flathead River; +1.5 in the Middle Fork Flathead River; +1.1 in the South Fork Flathead River; +1.3 in the Flathead River at Columbia Falls; +1.4 in the Stillwater/Whitefish Rivers; +0.7 in the Swan River; +1.6 in the Flathead River at Polson; +1.1 in the Mission Valley; and +0.9 in the Little Bitterroot River.

Streamflow Forecasts

Forecast Pt Forecast Period	<--- Drier --- Future Conditions --- Wetter ---> Chance of Exceeding * 90% (1000AF)	70% (1000AF)	50% (Most Prob) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
NF FLATHEAD nr Columbia Falls							
APR-JUL	1707	1810	1880	113	1950	2053	1662
APR-SEP	1561	2001	2080	113	2159	2607	1836
MF FLATHEAD nr West Glacier							
APR-JUL	1409	1830	1900	116	1970	2375	1638
APR-SEP	1538	1990	2070	116	2150	2593	1788
HUNGRY HORSE Reservoir Inflow (1,2)							
APR-JUL	1989	2302	2390	117	2478	2810	2051
APR-SEP	2118	2464	2560	117	2656	2992	2184
FLATHEAD at Columbia Falls (2)							
APR-JUL	5098	5938	6160	112	6382	7236	5482
APR-SEP	5543	6490	6740	113	6990	7867	5960

Forecast Pt Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions Chance of Exceeding * 50% (Most Prob) (1000AF) (% AVG.)	30% (1000AF)	===> Wetter 10% (1000AF)	30 Yr Avg (1000AF)
STILLWATER nr Whitefish						
APR-JUL	196	222	240 127	258	284	189
APR-SEP	212	244	265 127	286	318	209
WHITEFISH nr Kalispell						
APR-JUL	105	117	125 120	133	145	104
APR-SEP	116	130	140 121	150	164	116
SWAN RIVER near Bigfork						
APR-JUL	544	586	615 106	644	686	583
APR-SEP	595	646	680 102	714	765	665
FLATHEAD Lake Inflow (1,2)						
APR-JUL	5879	6895	7200 113	7505	8435	6390
APR-SEP	6372	7446	7800 113	8154	9142	6926

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

The average is computed for the 1961-1990 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural flow - actual flow may be affected by upstream water management.

Reservoir Storage (1000AF) End of March

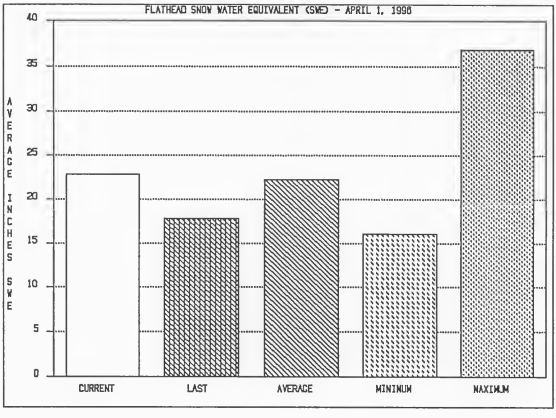
Reservoir	Usable Capacity	********** This Year	Usable Storage Last Year	********* Average
CAMAS (4)	45.2	27.7	14.8	23.7
MISSION VALLEY (8)	100.0	41.9	29.5	40.9
HUNGRY HORSE	3451.0	1893.0	1863.0	2046.0
FLATHEAD LAKE	1791.0	1105.0	656.4	751.9

Watershed Snowpack Analysis

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
NORTH FORK in CANADA	3	121	108
NORTH FORK in MONTANA	9	119	108
MIDDLE FORK	6	133	107
SOUTH FORK	9	121	96
STILLWATER-WHITEFISH	10	122	103
SWAN	8	115	97

Watershed Snowpack Analysis (continued)

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
MISSION VALLEY	4	112	102
LITTLE BITTERROOT-ASHLEY	6	186	96
JOCKO	4	162	107
FLATHEAD in MONTANA	40	128	103
FLATHEAD RIVER BASIN	43	127	103



AVERAGE IS FOR THE PERIOD 1961-1990.

MINIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1992.

MAXIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1972.

UPPER CLARK FORK RIVER BASIN as of April 1, 1996

Snowpack conditions in the Upper Clark Fork River Basin were slightly above average. Snow water content was 6 percent above average; 39 percent above last year; and decreased 4 percent during March.

Mountain precipitation during March was 20 percent below average and 3 percent below last year. Valley precipitation during March was 23 percent below average and 30 percent above last year. Mountain and valley water year precipitation, beginning October 1, 1995, was 26 percent above average and 36 percent above last year.

Reservoir storage, on the last day of March, was 24 percent above average and 11 percent above last year. Georgetown Lake storage was 12 percent above average and the same as last year; Lower Willow Creek storage was 78 percent above average and 17 percent above last year; and Nevada Creek storage was 48 percent above average and 54 percent above last year.

Streamflows, for the period April through July, are forecast to be 8 percent below average and 45 percent above last years forecasts.

Surface Water Supply Index (SWSI) was +0.7 in the Clark Fork River above Rock Creek; +0.8 in the Blackfoot River; and +0.8 in the Clark Fork River above Missoula.

Streamflow Forecasts

Forecast Pt Forecast Period	<=== Drier === Chance of Exceeding *		Future Conditions		===> Wetter		
	90% (1000AF)	70% (1000AF)	50% (Most Prob) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
WARM SPRINGS CK at Anaconda (2)							
APR-JUL	27	34	38	100	42	49	38
APR-SEP	35	42	47	100	52	60	47
LITTLE BLACKFOOT nr Garrison							
APR-JUL	41	67	85	102	103	129	83
APR-SEP	42	71	90	101	110	138	89
FLINT CK nr Southern Cross (2)							
APR-JUL	9.1	12.6	15.0	106	17.4	21	14.2
APR-SEP	10.3	14.7	17.7	106	21	25	16.7
FLINT CK bl Boulder Ck							
APR-JUL	34	46	55	97	64	76	57
APR-SEP	44	59	70	96	81	96	73
LOWER WILLOW CK RES Inflow							
APR-JUL	7.2	10.6	12.9	92	15.2	18.6	14.0
APR-SEP	7.8	11.3	13.7	93	16.1	19.6	14.8
MF ROCK CREEK nr Philipsburg							
APR-JUL	63	71	77	117	83	91	66
APR-SEP	69	79	85	115	91	101	74

Streamflow Forecasts

Forecast Pt Forecast Period	<== Drier == 90% (1000AF)	70% (1000AF)	Future Conditions 50% (Most Prob) (1000AF) (% AVG.)	== Wetter ==> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
	Chance of Exceeding *					
ROCK CREEK near Clinton						
APR-JUL	294	336	365	123	394	436	296
APR-SEP	330	378	410	123	442	490	333
NEVADA CK nr Finn						
APR-JUL	11.2	15.0	17.5	92	20	24	19.1
APR-SEP	12.3	16.3	19.0	91	22	26	21
CLEARWATER nr Clearwater						
APR-JUL	171	182	190	111	198	209	172
APR-SEP	181	192	200	111	208	219	181
BLACKFOOT RIVER near Bonner						
APR-JUL	665	739	790	95	841	1077	835
APR-SEP	738	819	875	95	931	1195	926
CLARK FORK ab Milltown						
APR-JUL	502	537	625	96	713	776	652
APR-SEP	581	637	735	97	833	898	755
CLARK FORK ab Missoula						
APR-JUL	907	1270	1400	94	1530	1948	1487
APR-SEP	1025	1467	1610	96	1753	2202	1681

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

The average is computed for the 1961-1990 base period.

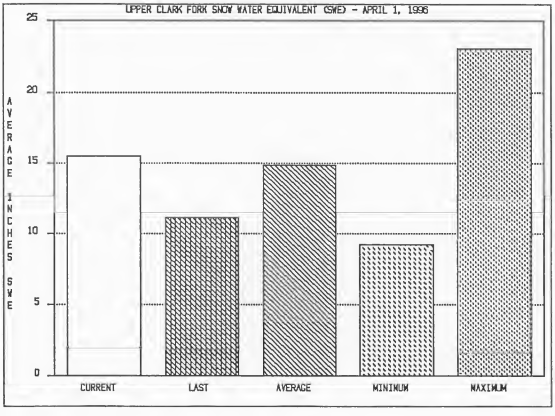
(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural flow - actual flow may be affected by upstream water management.

Reservoir Storage (1000AF) End of March

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
GEORGETOWN LAKE	31.0	27.8	27.9	24.8
LOWER WILLOW CREEK	4.9	4.1	3.5	2.3
NEVADA CREEK	12.6	10.8	7.0	7.3

Watershed Snowpack Analysis

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
CLARK FORK ab FLINT CREEK	16	121	106
FLINT CREEK	7	130	107
ROCK CREEK	6	126	111
CLARK FORK ab BLACKFOOT	25	126	108
BLACKFOOT	16	175	104
UPPER CLARK FORK BASIN	39	139	106



AVERAGE IS FOR THE PERIOD 1960-1990.

MINIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1994.

MAXIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1972.

BITTERROOT RIVER BASIN as of April 1, 1996

Snowpack conditions in the Bitterroot River Basin were slightly above average. Snow water content was 7 percent above average; 42 percent above last year; and decreased 11 percent during March.

Mountain precipitation during March was 34 percent below average and 25 percent below last year. Valley precipitation during March was 13 percent below average and 17 percent below last year. Mountain and valley water year precipitation, beginning October 1, 1995, was 45 percent above average and 46 percent above last year.

Reservoir storage, on the last day of March, was 59 percent above average and 67 percent above last year. Painted Rocks Lake storage was 102 percent above average and 317 percent above last year and Como storage was 21 percent above average and 11 percent below last year.

Streamflows, for the period April through July, are forecast to be 16 percent above average and 62 percent above last years forecasts.

Surface Water Supply Index (SWSI) was +1.7 in the Bitterroot River.

Streamflow Forecasts

Forecast Pt Forecast Period	<--- Drier --- Future Conditions --- Wetter ---> Chance of Exceeding * 90% (1000AF)	70% (1000AF)	50% (Most Prob) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
WF BITTERROOT nr Conner (2)							
APR-JUL	152	172	185	122	198	218	152
APR-SEP	164	186	200	121	214	236	166
BITTERROOT nr Darby							
APR-JUL	476	532	570	116	608	664	491
APR-SEP	530	586	625	116	664	720	540
ROCK CK nr Darby (2)							
APR-JUL	68	75	80	101	85	93	79
APR-SEP	72	79	84	101	89	97	83
SKALKAHO CK nr Hamilton							
APR-JUL	46	51	55	120	59	64	46
APR-SEP	54	60	64	121	68	74	53
BURNT FORK CK nr Stevensville (2)							
APR-JUL	30	34	37	128	40	45	29
APR-SEP	34	39	43	127	47	52	34

Streamflow Forecasts (continued)

Forecast Pt Forecast Period	<== Drier == 90% (1000AF)	70% (1000AF)	Future Conditions 50% (Most Prob) (1000AF)	(% AVG.)	== Wetter ==> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
	========== Chance of Exceeding * ==========						
BITTERROOT at Missoula							
APR-JUL	950	1427	1510	116	1593	2043	1301
APR-SEP	1106	1571	1660	117	1749	2141	1418

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

The average is computed for the 1961-1990 base period.

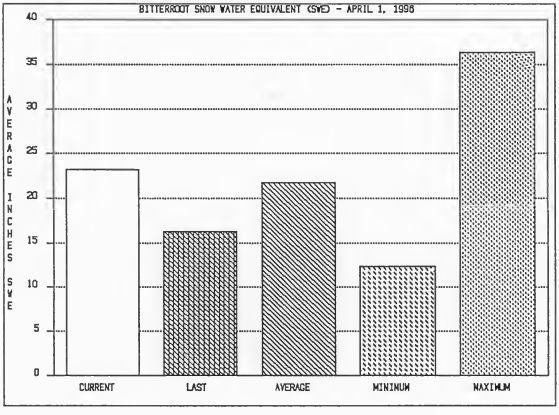
(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural flow - actual flow may be affected by upstream water management.

Reservoir Storage (1000AF) End of March

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
PAINTED ROCKS LAKE	31.7	27.5	6.6	13.6
COMO	34.9	18.8	21.2	15.5

Watershed Snowpack Analysis

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
WEST FORK BITTERROOT	3	148	117
EAST SIDE BITTERROOT	6	145	120
WEST SIDE BITTERROOT	4	136	97
BITTERROOT RIVER BASIN	12	142	107



AVERAGE IS FOR THE PERIOD 1960-1990.

MINIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1992.

MAXIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1972.

LOWER CLARK FORK RIVER BASIN as of April 1, 1996

Snowpack conditions in the Lower Clark Fork River Basin were slightly below average. Snow water content was 10 percent below average; 23 percent above last year; and decreased 16 percent during March.

Mountain precipitation during March was 36 percent below average and 31 percent below last year. Valley precipitation during March was 32 percent below average and 40 percent below last year. Mountain and valley water year precipitation, beginning October 1, 1995, was 44 percent above average and 43 percent above last year.

Noxon Rapids storage, on the last day of March, was 4 percent below average and 26 percent below last year.

Streamflows, for the period April through July, are forecast to be 9 percent above average and 58 percent above last years forecasts.

Surface Water Supply Index (SWSI) was +1.0 in the Clark Fork River below Bitterroot River and +1.4 in the Clark Fork River below Flathead River.

Streamflow Forecasts

Forecast Pt Forecast Period	<--- Drier --- Future Conditions --- Wetter ---> Chance of Exceeding * 90% (1000AF)	70% (1000AF)	50% (Most Prob) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
CLARK FORK ab Missoula							
APR-JUL	907	1270	1400	94	1530	1948	1487
APR-SEP	1025	1467	1610	96	1753	2202	1681
CLARK FORK bl Missoula							
APR-JUL	2203	2712	2910	104	3108	3680	2788
APR-SEP	2448	3052	3270	106	3488	4091	3099
CLARK FORK at St. Regis (1)							
APR-JUL	2838	3429	3730	101	4031	4755	3686
APR-SEP	3139	3876	4210	103	4544	5281	4095
CLARK FORK nr Plains (1,2)							
APR-JUL	9126	10552	11200	107	11848	13274	10450
APR-SEP	10019	11588	12300	107	13012	14581	11470
THOMPSON RIVER nr Thompson Falls							
APR-JUL	195	222	240	112	258	285	214
APR-SEP	222	251	270	113	289	318	240
PROSPECT CREEK at Thompson Falls							
APR-JUL	98	108	115	94	122	132	123
APR-SEP	105	116	123	93	130	141	132

Streamflow Forecasts (continued)

Forecast Pt Forecast Period	<== Drier == 90% (1000AF)	70% (1000AF)	Future Conditions 50% (Most Prob) (1000AF)	(% AVG.)	== Wetter ==> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
	========== Chance of Exceeding * ==========						
CLARK FK at Whitehorse Rpds (1,2)							
APR-JUL	9590	11247	12000	102	12753	14410	11730
APR-SEP	10548	12372	13200	102	14028	15852	12910

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

The average is computed for the 1961-1990 base period.

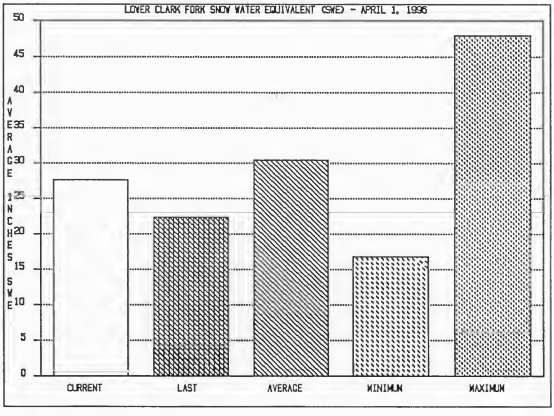
(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural flow - actual flow may be affected by upstream water management.

Reservoir Storage (1000AF) End of March

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
NOXON RAPIDS	335.0	222.2	301.0	231.3

LOWER CLARK FORK RIVER BASIN
Watershed Snowpack Analysis - April 1, 1996

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
LOWER CLARK FORK	13	126	89



AVERAGE IS FOR THE PERIOD 1961-1990.

MINIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1977.

MAXIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1972.

JEFFERSON RIVER BASIN as of April 1, 1996

Snowpack conditions in the Jefferson River Basin were above average. Snow water content was 15 percent above average; 5 percent above last year; and decreased 4 percent during March. Several data sites are ranking very high for this time of year and are as follows: Calvert Creek ranks fifth highest in 35 years; Elk Horn Springs is seventh highest in 58 years; Gold Stone ranks sixth in 49 years; Mudd Lake ranks third highest in 36 years; Mule Creek has set a new record with 22.0 inches of snow water exceeding the 18.6 inches of snow water in 1982; and Palisade Creek ranks fourth highest in 36 year.

Mountain precipitation during March was 15 percent below average and 43 percent below last year. Valley precipitation during March was 9 percent above average and 29 percent below last year. Mountain and valley water year precipitation, beginning October 1, 1995, was 18 percent above average and 2 percent below last year.

Reservoir storage, on the last day of March, was 11 percent above average and 21 percent above last year. Lima storage was 57 percent above average and 93 percent above last year; Clark Canyon storage was 2 percent above average and 10 percent above last year; and Ruby River storage was 2 percent above average and 6 percent above last year.

Streamflows, for the period April through July, are forecast to be 18 percent above average and 12 percent above last years forecasts.

Surface Water Supply Index (SWSI) was +1.7 in the Jefferson River; +1.8 in the Beaverhead River; 0.0 in the Ruby River; +2.1 in the Big Hole River; and +0.7 in the Boulder River.

Streamflow Forecasts

Forecast Pt Forecast Period	<== Drier == Future Conditions == Wetter ==> Chance of Exceeding * 90% (1000AF)	70% (1000AF)	50% (Most Prob) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
RED ROCK RIVER near Monida (2)							
APR-JUL	79	90	97	100	104	115	97
APR-SEP	82	96	105	100	114	128	105
BEAVERHEAD RIVER near Grant (2)							
APR-JUL	133	155	170	129	185	207	132
APR-SEP	134	173	200	129	227	266	155
BEAVERHEAD RIVER at Barretts (2)							
APR-JUL	177	197	210	122	223	243	172
APR-SEP	208	230	245	121	260	282	203
RUBY RIVER near Alder							
APR-JUL	49	66	77	93	89	105	83
APR-SEP	59	79	92	93	106	125	99
BIG HOLE RIVER near Melrose							
APR-JUL	607	710	780	122	850	953	641
APR-SEP	666	776	850	122	924	1034	697

Streamflow Forecasts (continued)

Forecast Pt / Forecast Period	<--- Drier --- Future Conditions --- Wetter ---> Chance of Exceeding * 90% (1000AF)	70% (1000AF)	50% (Most Prob) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
BOULDER RIVER near Boulder							
APR-JUL	65	80	90	106	100	115	85
APR-SEP	70	85	95	104	105	121	91
WILLOW CREEK near Harrison							
APR-JUL	12.1	16.8	20	113	23	28	17.7
APR-SEP	12.8	18.3	22	110	26	31	20
JEFFERSON RIVER near Three Forks (2)							
APR-JUL	832	992	1100	120	1208	1368	920
APR-SEP	927	1096	1210	120	1324	1493	1012

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

The average is computed for the 1961-1990 base period.

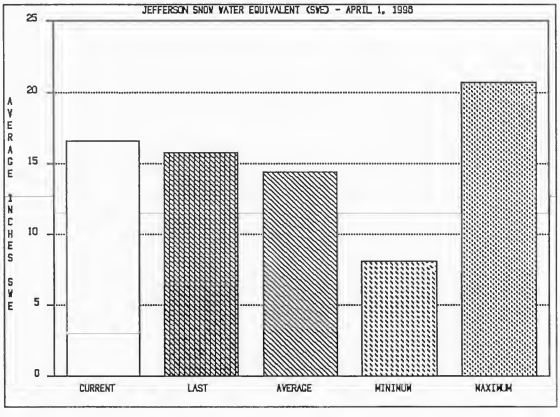
(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural flow - actual flow may be affected by upstream water management.

Reservoir Storage (1000AF) End of March

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
LIMA	84.0	57.8	30.0	36.9
CLARK CANYON	255.6	156.7	143.1	153.6
RUBY RIVER	38.8	31.9	30.1	31.2

Watershed Snowpack Analysis

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
BEAVERHEAD	17	91	112
RUBY	10	85	106
BIGHOLE	21	124	123
BOULDER	9	101	106
JEFFERSON RIVER BASIN	47	105	115



AVERAGE IS FOR THE PERIOD 1961-1990.

MINIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1977.

MAXIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1972.

MADISON RIVER BASIN as of April 1, 1996

Snowpack conditions in the Madison River Basin were above average. Snow water content was 13 percent above average; 8 percent below last year; and the same percentage as on March 1.

Mountain precipitation during March was 8 percent below average and 41 percent below last year. Valley precipitation during March was 1 percent below average and 53 percent below last year. Mountain and valley water year precipitation, beginning October 1, 1995, was 16 percent above average and 10 percent below last year.

Reservoir storage, on the last day of March, was 2 percent above average and 3 percent above last year. Ennis Lake storage was 11 percent below average and 4 percent below last year and Hebgen Lake storage was 4 percent above average and 3 percent above last year.

Streamflows, for the period April through July, are forecast to be 13 percent above average and 5 percent below last years forecasts.

Surface Water Supply Index (SWSI) was +1.7 in the Madison River.

Streamflow Forecasts

Forecast Pt Forecast Period	<== Drier == Future Conditions == Wetter ==> Chance of Exceeding * 90% (1000AF)	70% (1000AF)	50% (Most Prob) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
MADISON RIVER near Grayling (2)							
APR-JUL	377	408	430	113	452	483	380
APR-SEP	486	524	550	113	576	614	486
MADISON RIVER near McAllister (2)							
APR-JUL	666	716	750	113	784	834	662
APR-SEP	848	903	940	113	977	1032	831

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

The average is computed for the 1961-1990 base period.

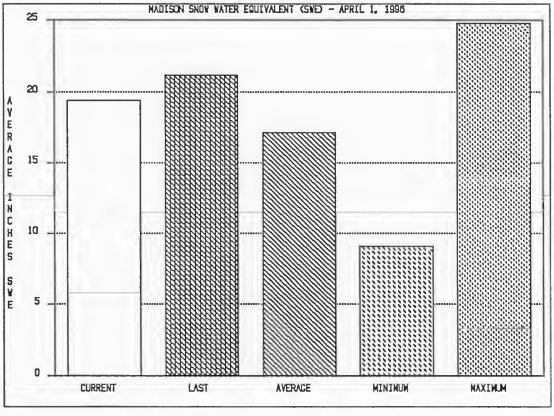
(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural flow - actual flow may be affected by upstream water management.

Reservoir Storage (1000AF) End of March

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
ENNIS LAKE	41.0	29.6	30.7	33.2
HEBGEN LAKE	377.5	255.8	247.7	246.6

Watershed Snowpack Analysis

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
MADISON above HEBGEN LAKE	6	91	120
MADISON below HEBGEN LAKE	11	93	109
MADISON RIVER BASIN	17	92	113



AVERAGE IS FOR THE PERIOD 1961-1990.

MINIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1977.

MAXIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1974.

GALLATIN RIVER BASIN as of April 1, 1996

Snowpack conditions in the Gallatin River Basin were near average. Snow water content was 5 percent above average; 6 percent above last year; and decreased 1 percent during March.

Mountain precipitation during March was 11 percent below average and 35 percent below last year. Valley precipitation during March was 66 percent below average and 81 percent below last year. Mountain and valley water year precipitation, beginning October 1, 1995, was 15 percent above average and 6 percent above last year.

Middle Creek storage, on the last day of March, was 46 percent above average and 7 percent above last year.

Streamflows, for the period April through July, are forecast to be 8 percent above average and 4 percent above last years forecasts.

Surface Water Supply Index (SWSI) was +1.1 in the Gallatin River.

Streamflow Forecasts

Forecast Pt Forecast Period	<--- Drier --- Future Conditions --- Wetter ---> Chance of Exceeding * 90% (1000AF)	70% (1000AF)	50% (Most Prob) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
GALLATIN RIVER near Gateway							
APR-JUL	424	463	490	111	517	556	441
APR-SEP	504	546	575	111	604	646	518
E & W FK HYALITE CREEK near Bozeman							
APR-JUL	16.9	19.3	21	91	23	25	23
APR-SEP	19.8	22	24	92	26	28	26
HYALITE CREEK near Bozeman (2)							
APR-JUL	29	33	36	100	39	43	36
APR-SEP	34	39	42	100	45	50	42
GALLATIN RIVER at Logan (2)							
APR-JUL	398	479	535	107	591	672	498
APR-SEP	482	567	625	108	683	768	581

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

The average is computed for the 1961-1990 base period.

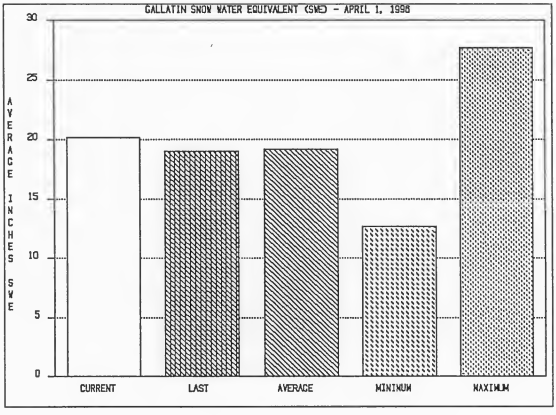
(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural flow - actual flow may be affected by upstream water management.

GALLATIN RIVER BASIN
Reservoir Storage (1000AF) End of March

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
MIDDLE CREEK	10.2	6.0	5.6	4.1

Watershed Snowpack Analysis

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
UPPER GALLATIN	7	105	115
HYALITE	5	110	97
BRIDGER	3	104	92
GALLATIN RIVER BASIN	15	106	105



AVERAGE IS FOR THE PERIOD 1961-1990.

MINIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1987.

MAXIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1971.

MISSOURI MAINSTEM RIVER BASIN as of April 1, 1996

Snowpack conditions in the Mainstem Missouri River Basin were near average. Snow water content was 3 percent below average; 29 percent above last year; and decreased 5 percent during March.

Mountain precipitation during March was 19 percent below average and 21 percent below last year. Valley precipitation during March was 8 percent above average and 14 percent below last year. Mountain and valley water year precipitation, beginning October 1, 1995, was 11 percent below average and 10 percent below last year.

Reservoir storage, on the last day of March, was 4 percent below average and 5 percent below last year. Canyon Ferry Lake storage was 6 percent below average and 6 percent below last year; Helena Valley storage was 40 percent above average and 40 percent above last year; Lake Helena storage was 9 percent above average and 2 percent above last year; Hauser & Helena storage was 4 percent above average and the same as last year; Holter Lake storage was 21 percent above average and the same as last year; and Fort Peck Lake storage was 11 percent above average and 15 percent above last year.

Streamflows, for the period April through July, are forecast to be 17 percent above average and 15 percent above last years forecasts.

Surface Water Supply Index (SWSI) was +1.6 in the Missouri River above Canyon Ferry; +1.0 in the Missouri River below Canyon Ferry; +1.8 in the Missouri River above Ft. Peck; and +1.6 in the Missouri River below Ft. Peck.

Streamflow Forecasts

Forecast Pt	<--- Drier ---		Future Conditions		--- Wetter --->		
	Chance of Exceeding *						
Forecast Period	90% (1000AF)	70% (1000AF)	50% (Most Prob) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
MISSOURI RIVER at Toston (2)							
APR-JUL	1654	2069	2350	113	2631	3046	2075
APR-SEP	2223	2456	2750	114	3044	3286	2416
PRICKLY PEAR CREEK near Clancy							
APR-JUL	7.6	16.8	23	100	29	38	23
APR-SEP	9.6	20	27	100	34	44	27
SUN RIVER at Gibson Dam (2)							
APR-JUL	378	454	505	106	556	632	478
APR-SEP	421	501	555	106	609	689	526
MISSOURI RIVER at Fort Benton (2)							
APR-JUL	2411	3119	3600	117	4081	4789	3087
APR-SEP	3273	3764	4290	117	4816	5296	3678
MARIAS RIVER near Shelby (2)							
APR-JUL	369	456	515	115	574	661	447
APR-SEP	396	485	545	112	605	694	487

Streamflow Forecasts (continued)

Forecast Pt Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions Chance of Exceeding * 50% (Most Prob) (1000AF)	(% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
MISSOURI RIVER at Virgelle (2)							
APR-JUL	2892	3677	4210	117	4743	5528	3595
APR-SEP	3753	4343	4940	117	5537	6326	4217
MISSOURI RIVER near Landusky (2)							
APR-JUL	3320	4127	4675	120	5223	6030	3897
APR-SEP	4168	4916	5504	120	6092	7099	4580
MISSOURI RIVER below Fort Peck (2)							
APR-JUL	3442	4221	4750	118	5279	6058	4015
APR-SEP	3931	4888	5460	122	6032	6924	4467
LAKE SAKAKAWEA Inflow (2)							
APR-JUL	10898	12069	12865	130	13661	14832	9897
APR-SEP	11686	13787	14750	130	15713	18154	11346

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

The average is computed for the 1961-1990 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural flow - actual flow may be affected by upstream water management.

Reservoir Storage (1000AF) End of March

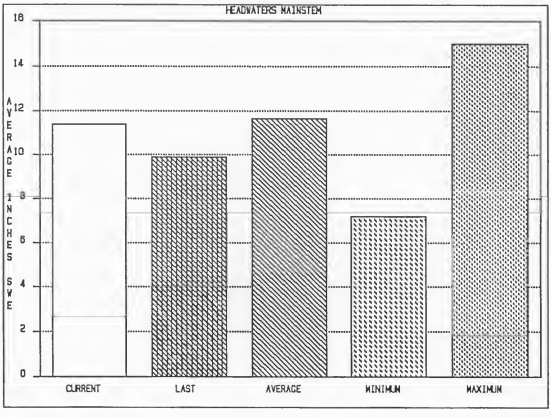
Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
CANYON FERRY LAKE	2043.0	1401.0	1488.0	1489.0
HELENA VALLEY	9.2	5.6	4.0	4.0
LAKE HELENA	10.4	11.1	10.9	10.2
HAUSER & HELENA	61.9	63.2	63.1	61.0
HOLTER LAKE	81.9	81.2	81.0	67.2
FORT PECK LAKE (MAF)	18.9	16.6	14.4	14.9

Watershed Snowpack Analysis

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
HEADWATERS MAINSTEM	9	115	98
SUN-TETON-MARIAS BASINS	14	166	101

Watershed Snowpack Analysis (continued)

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SMITH-JUDITH-MUSSELSHELL	16	106	94
MAINSTEM ab FORT PECK RES	38	130	98
MILK	5	84	71
MISSOURI MAINSTEM BASIN	43	129	97



AVERAGE IS FOR THE PERIOD 1961-1990.

MINIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1961.

MAXIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1972.

SMITH-JUDITH-MUSSELSHELL RIVER BASINS as of April 1, 1996

Snowpack conditions in the Smith-Judith-Musselshell River Basins were slightly below average. Snow water content was 6 percent below average; 6 percent above last year; and decreased 1 percent during March.

Mountain and valley precipitation for the combined basins was 10 percent above average and 11 percent below last year and the water year precipitation was 14 percent above average and 16 percent above last year. Smith River mountain and valley precipitation during March was 4 percent above average and the same as last year and water year precipitation was 20 percent above average and 31 percent above last year; Judith River mountain and valley precipitation during March was 31 percent above average and 18 percent below last year and water year precipitation was 3 percent above average and the same as last year; and the Musselshell River mountain and valley March precipitation was 16 percent below average and 26 percent below last year and the water year precipitation was 18 percent above average and 12 percent above last year.

Reservoir storage, on the last day of March, was 39 percent above average and 31 percent above last year. Smith River storage was 16 percent above average and 43 percent above last year; Bair storage was 13 percent above average and 29 percent above last year; Martinsdale storage was 55 percent above average and 138 percent above last year; and Deadman's Basin was 42 percent above average and 18 percent above last year.

Streamflows, for the period April through July, are forecast to be 6 percent above average and 29 percent above last years forecasts.

Surface Water Supply Index (SWSI) was +0.9 in the Smith River and +1.0 in the Musselshell River.

Streamflow Forecasts

Forecast Pt Forecast Period	<--- Drier --- Future Conditions --- Wetter ---> Chance of Exceeding * 90% (1000AF)	70% (1000AF)	50% (Most Prob) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
SMITH RIVER near Fort Logan							
APR-JUL	48	61	70	113	79	92	62
APR-SEP	61	73	82	112	91	103	73
SHEEP CREEK nr White Sulphur Springs							
APR-JUL	16.1	18.6	20	112	22	25	18.1
APR-SEP	18.9	22	24	112	25	28	21
NF MUSSELSHELL near Delpine							
APR-JUL	2.34	3.63	4.50	94	5.37	6.66	4.80
APR-SEP	2.88	4.32	5.30	95	6.28	7.72	5.60

Streamflow Forecasts

Forecast Pt Forecast Period	<--- Drier --- Future Conditions --- Wetter --->						
	========== Chance of Exceeding * ==========						
	90% (1000AF)	70% (1000AF)	50% (Most Prob) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
SF MUSSELSHELL abv Martinsdale							
APR-JUL	22	39	51	98	63	80	52
APR-SEP	25	43	55	98	67	86	56

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

The average is computed for the 1961-1990 base period.

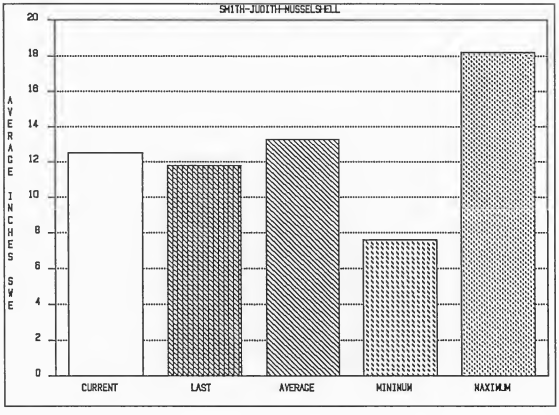
(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural flow - actual flow may be affected by upstream water management.

Reservoir Storage (1000AF) End of March

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
SMITH RIVER	10.6	8.6	6.0	7.4
NEWLAN CREEK		NO REPORT		
BAIR	7.0	5.3	4.1	4.7
MARTINSDALE	23.1	15.0	6.3	9.7
DEADMAN'S BASIN	72.2	71.2	60.2	50.1

Watershed Snowpack Analysis

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SMITH	7	122	103
JUDITH	8	99	91
MUSSELSHELL	8	108	94
SMITH-JUDITH-MUSSELSHELL	16	106	94



AVERAGE IS FOR THE PERIOD 1961-1990.

MINIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1992.

MAXIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1970.

SUN-TETON-MARIAS RIVER BASINS as of April 1, 1996

Snowpack conditions in the Sun-Teton-Marias River Basins were near average. Snow water content was 1 percent above average; 66 percent above last year; and decreased 8 percent during March.

Combined mountain and valley precipitation for the three basins during March was 7 percent above average and 138 percent above last year with the water year precipitation, beginning October 1, 1995, 31 percent above average and 45 percent above last year. Mountain and valley precipitation in the Sun River was 11 percent above average and 131 percent above last year with the water year precipitation 32 percent above average and 44 percent above last year; in the Teton River was 16 percent above average and 143 percent above last year with the water year precipitation 45 percent above average and 67 percent above last year; and in the Marias River was 2 percent above average and 137 percent above last year with the water year precipitation 25 percent above average and 38 percent above last year.

Reservoir storage, on the last day of March, was 42 percent above average and 28 percent above last year. Gibson storage was 21 percent above average and 129 percent above last year; Pishkun storage was 107 percent above average and 145 percent above last year; Willow Creek storage was 21 percent above average and 39 percent above last year; Lower Two Medicine Lake storage was 40 percent above average and 10 percent below last year; Four Horns Lake storage was 42 percent below average and 35 percent below last year; Swift storage was 47 percent above average and 39 percent above last year; Lake Frances storage was 34 percent above average and 84 percent above last year; and Lake Elwell (Tiber) storage was 46 percent above average and 19 percent above last year.

Streamflows, for the period April through July, are forecast to be 12 percent above average and 61 percent above last years forecasts.

Surface Water Supply Index (SWSI) was +1.4 the Sun River; +1.8 in the Teton River; +1.4 in the Marias River; and +2.2 in the Birch/Dupuyer Creeks.

Streamflow Forecasts

Forecast Pt	<== Drier ==	Future	Conditions		== Wetter ==>		
	Chance of Exceeding *						
Forecast Period	90% (1000AF)	70% (1000AF)	50% (Most Prob) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
SUN RIVER at Gibson Dam (2)							
APR-JUL	378	454	505	106	556	632	478
APR-SEP	421	501	555	106	609	689	526
TWO MEDICINE RIVER near Browning (2)							
APR-JUL	176	217	245	114	273	314	215
APR-SEP	192	232	260	114	288	328	228
BADGER CREEK near Browning (2)							
APR-JUL	88	107	120	115	133	152	104
APR-SEP	105	126	140	117	154	175	120

Streamflow Forecasts

Forecast Pt Forecast Period	<== Drier == 90% (1000AF)	70% (1000AF)	Future Conditions 50% (Most Prob) (1000AF)	(% AVG.)	== Wetter ==> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
	Chance of Exceeding *						
SWIFT RESERVOIR Inflow near Dupuyer							
APR-JUL	54	68	77	113	87	101	68
APR-SEP	66	80	90	113	100	115	80
DUPUYER CREEK near Valier							
APR-JUL	2.8	11.8	18.0	116	24	33	15.5
APR-SEP	3.7	13.5	20	116	27	37	17.4
CUT BANK CREEK at Cut Bank							
APR-JUL	82	96	105	121	114	128	87
APR-SEP	91	105	115	120	125	139	96
MARIAS RIVER near Shelby (2)							
APR-JUL	369	456	515	115	574	661	447
APR-SEP	396	485	545	112	605	694	487

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

The average is computed for the 1961-1990 base period.

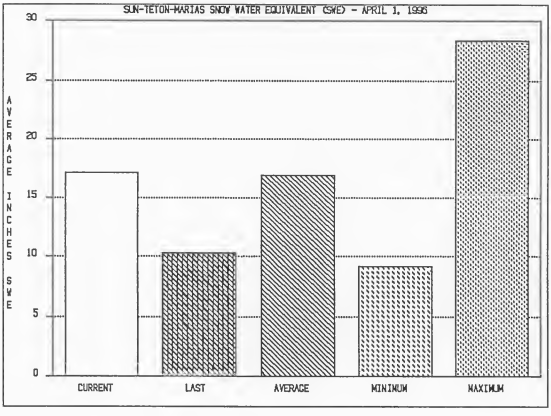
(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural flow - actual flow may be affected by upstream water management.

Reservoir Storage (1000AF) End of March

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
GIBSON	99.1	61.0	26.6	50.5
PISHKUN	32.0	36.8	15.0	17.8
WILLOW CREEK	32.2	27.6	19.8	22.8
LOWER TWO MEDICINE LAKE	11.9	10.5	11.7	7.5
FOUR HORNS LAKE	19.2	7.3	11.3	12.5
SWIFT	30.0	25.3	18.2	17.2
LAKE FRANCES	112.0	96.0	52.2	71.6
LAKE ELWELL (TIBER)	1347.0	869.9	733.5	596.7

Watershed Snowpack Analysis

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
SUN	7	210	104
TETON	4	189	109
MARIAS	6	141	98
SUN-TETON-MARIAS BASINS 4	14	166	101



AVERAGE IS FOR THE PERIOD 1961-1990.

MINIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1984.

MAXIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1972.

ST. MARY and MILK RIVER BASINS as of April 1, 1996

Snowpack conditions in the St. Mary River and Milk River Basins were near average. Snow water content in the St. Mary River Basin was 4 percent above average; 32 percent above last year; and decreased 4 percent during March. Snow water content in the Milk River Basin (Bearpaw Mountains) was 29 percent below average; 16 percent below last year; and increased 39 percent during March.

Combined Mountain and valley precipitation during March was 4 percent above average and 9 percent below last year with the water year precipitation, beginning October 1, 1995, 43 percent above average and 43 percent above last year. Mountain and Valley precipitation in the St. Mary River was 24 percent below average and 4 percent above last year and in the Milk River was 50 percent above average and 18 percent below last year.

Reservoir storage, on the last day of March, was 26 percent above average and 63 percent above last year. Lake Sherburne storage was 58 percent above average and 54 percent above last year; Fresno storage was 34 percent above average and 76 percent above last year; Beaver Creek storage was 27 percent above average and the same as last year; and Nelson storage was 12 percent below average and 48 percent above last year.

Streamflows in the St. Mary, for the period April through July, are forecast to be 7 percent above average and 28 percent above last years forecasts. Streamflow in the Milk, for the period April through July, are forecast to be 3 percent above average and 71 percent above last years forecasts.

Surface Water Supply Index (SWSI) was +1.6 in the Milk River.

Streamflow Forecasts

Forecast Pt Forecast Period	<--- Drier --- Future Conditions --- Wetter ---> Chance of Exceeding * 90% (1000AF)	70% (1000AF)	50% (Most Prob) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
SWIFTCURRENT CREEK at Sherburne (2)							
APR-JUL	96	104	110	103	116	124	107
APR-SEP	109	119	125	100	131	141	125
ST. MARY RIVER near Babb							
APR-JUL	370	400	420	106	440	470	395
APR-SEP	429	465	490	106	515	551	463
ST. MARY RIVER at US/CAN Border (2)							
APR-JUL	431	475	505	109	535	579	462
APR-SEP	502	551	585	109	619	668	539
MILK RIVER at Western Crossing							
APR-JUL	30	38	43	116	48	56	37
APR-SEP	32	40	45	115	50	58	39
MILK RIVER at Eastern Crossing (2)							
APR-JUL	28	44	55	95	66	82	58
APR-SEP	39	54	64	96	74	89	67

Streamflow Forecasts

Forecast Pt Forecast Period	<=== Drier === 90% (1000AF)	70% (1000AF)	Future Conditions 50% (Most Prob) (1000AF)	(% AVG.)	=== Wetter ===> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
	========== Chance of Exceeding * ==========						
BEAVER CREEK near Havre							
APR-JUL	2.41	6.51	9.30	98	12.09	16.19	9.50

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

The average is computed for the 1961-1990 base period.

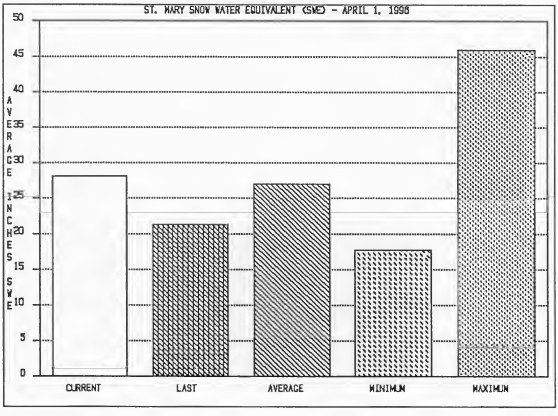
(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural flow - actual flow may be affected by upstream water management.

Reservoir Storage (1000AF) End of March

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
LAKE SHERBURNE	64.3	39.1	25.4	24.8
FRESNO	127.0	103.6	58.8	77.1
BEAVER CREEK	3.5	2.8	2.8	2.2
NELSON	66.8	32.2	21.8	36.5

Watershed Snowpack Analysis

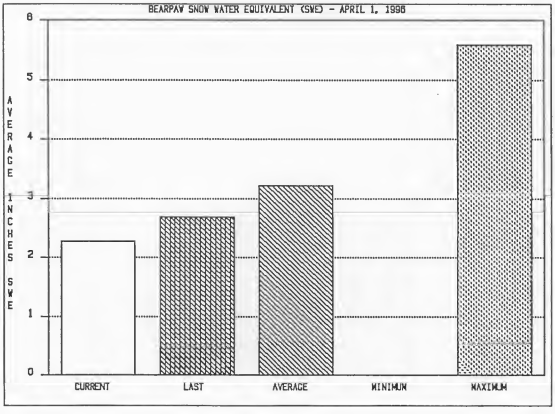
Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
ST. MARY RIVER BASIN	3	132	104
BEARPAW MOUNTAINS	5	84	71
CYPRESS HILLS, CANADA	0	0	0
MILK RIVER BASIN	5	84	71
ST. MARY and MILK BASINS	8	124	98



AVERAGE IS FOR THE PERIOD 1961-1990.

MINIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1977.

MAXIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1992.



AVERAGE IS FOR THE PERIOD 1961-1990.

MINIMUM SNOW WATER EQUIVALENT, 1973-1995, OCCURRED IN WATER YEAR 1983.

MAXIMUM SNOW WATER EQUIVALENT, 1973-1995, OCCURRED IN WATER YEAR 1975.

UPPER YELLOWSTONE RIVER BASIN as of April 1, 1996

Snowpack conditions in the Upper Yellowstone River Basin were above average. Snow water content was 25 percent above average; 32 percent above last year; and decreased 4 percent during March. The following data sites are at or near record highs: Beartooth Lake was second highest in 36 years; Box Canyon has set a new record in 17 years with 15.2 inches snow water exceeding the 13.6 inches snow water in 1982; Canyon has set a new record in 57 years with 21.6 inches snow water exceeding the 21.2 inches snow water in 1965; Fisher Creek was sixth highest in 35 years; Northeast Entrance was fourth highest in 59 years; White Mill was second highest in 35 years; Wolverine set a new record in 16 years with 18.2 inches snow water exceeding the 14.9 inches snow water in 1982; Parker Peak set a new record in 15 years with 27.7 inches snow water exceeding the 26.2 in 1982; and Evening Star has set a new record in 14 years with 41.3 inches snow water exceeding the 40.6 inches snow water in 1986.

Mountain precipitation during March was 20 percent above average and 1 percent below last year. Valley precipitation during March was 26 percent above average and 15 percent below last year. Water year precipitation, beginning October 1, 1995, was 32 percent above average and 21 percent above last year.

Reservoir storage, on the last day of March, was 2 percent below average and 23 percent below last year. Mystic Lake storage was 87 percent below average and 78 percent below last year and Cooney storage was 14 percent above average and 19 percent below last year.

Streamflows, for the period April through July, are forecast to be 31 percent above average and 32 percent above last years forecasts.

Surface Water Supply Index (SWSI) was +3.0 in the Yellowstone River above Bighorn River; +3.4 in the Yellowstone River above Livingston; +0.9 in the Shields River; +1.5 in the Boulder River; +1.8 in the Stillwater River; +3.0 in the Rock/Red Lodge Creeks; and +3.3 in the Clarks Fork River.

Streamflow Forecasts

Forecast Pt Forecast Period	<--- Drier --- Future Conditions --- Wetter ---> Chance of Exceeding * 90% (1000AF)	70% (1000AF)	50% (Most Prob) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
YELLOWSTONE at Lake Outlet							
APR-JUL	565	622	660	115	698	755	573
APR-SEP	786	860	910	115	960	1034	792
YELLOWSTONE RIVER at Corwin Springs							
APR-JUL	1786	1881	1945	121	2009	2104	1609
APR-SEP	2106	2233	2320	120	2407	2534	1937
YELLOWSTONE RIVER near Livingston							
APR-JUL	2061	2179	2260	122	2341	2459	1855
APR-SEP	2456	2601	2700	121	2799	2944	2241
SHIELDS RIVER near Livingston							
APR-JUL	129	153	170	105	187	211	162
APR-SEP	146	171	188	105	205	230	179

Streamflow Forecasts (continued)

Forecast Pt Forecast Period	<== Drier == 90% (1000AF)	70% (1000AF)	Future Conditions 50% (Most Prob) (1000AF)	(% AVG.)	== Wetter ==> 30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
	Chance of Exceeding *						
BOULDER RIVER at Big Timber							
APR-JUL	246	287	315	94	343	384	335
APR-SEP	270	312	340	93	368	410	364
WEST ROSEBUD CREEK near Roscoe (2)							
APR-JUL	67	73	77	126	81	87	61
APR-SEP	88	95	100	127	105	112	79
STILLWATER RIVER nr Absarokee (2)							
APR-JUL	516	584	630	127	676	744	498
APR-SEP	641	706	750	127	794	859	593
CLARKS FORK RIVER near Belfry							
APR-JUL	625	679	715	134	751	805	532
APR-SEP	690	749	790	134	831	890	590
RED LODGE CREEK blw Cooney Res (2)							
APR-JUL	39	54	65	138	76	91	47
APR-SEP	54	70	80	140	91	106	57
YELLOWSTONE RIVER at Billings (2)							
APR-JUL	3796	4239	4540	127	4841	5284	3577
APR-SEP	4801	5034	5360	127	5686	5938	4211

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

The average is computed for the 1961-1990 base period.

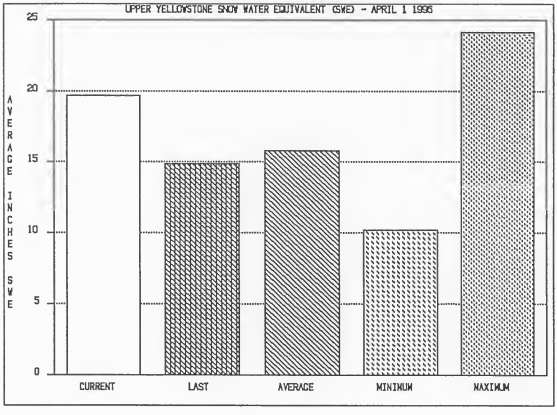
(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural flow - actual flow may be affected by upstream water management.

Reservoir Storage (1000AF) End of March

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
MYSTIC LAKE	21.0	0.4	1.8	3.1
COONEY	27.4	19.2	23.8	16.9

Watershed Snowpack Analysis

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
YELLOWSTONE ab LIVINGSTON	16	129	132
SHIELDS	7	105	99
BOULDER-STILLWATER	7	165	118
CLARK'S FORK-ROCK CREEK	13	139	136
UPPER YELLOWSTONE BASIN	39	132	125



AVERAGE IS FOR THE PERIOD 1961-1990.

MINIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1981.

MAXIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1971.

LOWER YELLOWSTONE RIVER BASIN as of April 1, 1996

Snowpack conditions in the Lower Yellowstone River Basin were above average. Snow water content was 20 percent above average; 23 percent above last year; and increased 2 percent during March. Several data sites in the basin headwaters have set or are near record high snowpack.

Mountain and valley precipitation during March was 31 percent above average and 18 percent above last year. Water year precipitation, beginning October 1, 1995, was 24 percent above average and 2 percent above last year.

Reservoir storage, on the last day of March, was 1 percent below average and 1 percent below last year. Bighorn Lake storage was 2 percent below average and 2 percent below last year and Tongue River was 11 percent above average and 21 percent above last year.

Streamflows, for the period April through July, are forecast to be 32 percent above average and 31 percent above last years forecasts.

Surface Water Supply Index (SWSI) was +2.8 in the Yellowstone River below Bighorn River; +2.1 in the Bighorn River below Bighorn Lake; +0.9 in the Little Bighorn River; +0.9 in the Tongue River; and +0.3 in the Powder River.

Streamflow Forecasts

Forecast Pt	<== Drier ==	Future	Conditions	== Wetter ==>			
	Chance of Exceeding *						
Forecast Period	90% (1000AF)	70% (1000AF)	50% (Most Prob) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
YELLOWSTONE RIVER at Billings (2)							
APR-JUL	3796	4239	4540	127	4841	5284	3577
APR-SEP	4801	5034	5360	127	5686	5938	4211
BIGHORN RIVER nr St. Xavier (2)							
APR-JUL	1748	2011	2190	133	2369	2632	1645
APR-SEP	2046	2316	2500	139	2684	2954	1794
LITTLE BIGHORN RIVER nr Hardin							
APR-JUL	68	108	135	96	162	202	140
APR-SEP	73	119	150	96	181	227	157
TONGUE RIVER stateline nr Decker (2)							
APR-JUL	161	205	235	102	265	309	230
APR-SEP	183	229	260	102	291	337	256
YELLOWSTONE RIVER at Miles City (2)							
APR-JUL	5695	6508	7060	130	7612	8425	5431
APR-SEP	6972	7677	8260	132	8843	9547	6281
POWDER RIVER at Moorhead							
APR-JUL	93	142	175	83	208	257	211
APR-SEP	115	160	190	82	220	265	232

Streamflow Forecasts

Forecast Pt / Forecast Period	<=== Drier === Future Conditions === Wetter ===> Chance of Exceeding * 90% (1000AF)	70% (1000AF)	50% (Most Prob) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)
POWDER RIVER near Locate							
APR-JUL	134	188	225	89	262	316	252
APR-SEP	138	202	245	89	288	352	276
YELLOWSTONE RIVER nr Sidney (2)							
APR-JUL	6333	7430	8175	138	8920	10017	5925
APR-SEP	7700	8152	9000	132	9848	11107	6814

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual flow will exceed the volumes in the table.

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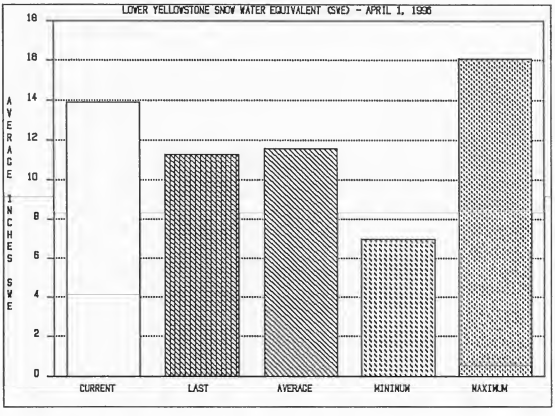
(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural flow - actual flow may be affected by upstream water management.

Reservoir Storage (1000AF) End of March

Reservoir	Usable Capacity	********** Usable Storage ********* This Year	Last Year	Average
BIGHORN LAKE	1356.0	783.3	798.0	798.5
TONGUE RIVER	68.0	40.0	33.1	36.1

Watershed Snowpack Analysis

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
WIND RIVER (Wyoming)	20	124	120
SHOSHONE RIVER (Wyoming)	6	139	153
BIGHORN RIVER (Wyoming)	20	124	126
LITTLE BIGHORN (WYOMING)	3	126	105
TONGUE RIVER (Wyoming)	9	125	112
POWDER RIVER (Wyoming)	9	106	107
LOWER YELLOWSTONE BASIN	48	123	120



AVERAGE IS FOR THE PERIOD 1961-1990.

MINIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1966.

MAXIMUM SNOW WATER EQUIVALENT, 1961-1995, OCCURRED IN WATER YEAR 1971.

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Montana
Basin Outlook Report

Natural Resources Conservation Service
Bozeman, MT